

21701-623965  
 U.S. PTO  
 07/21/03

**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attention Docket No. 42390.P8877D  
(maximum 12 characters)First Named Inventor Qing Ma et al.Title: MEMS DEVICE INTEGRATED CHIP PACKAGE, AND METHOD OF MAKING SAMEExpress Mail Label No. EV320118885US

**ADDRESS TO:** Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant Claims Small Entity Status. (37 CFR 1.27)
3.  Specification (Total Pages 37)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings(s) (35 USC 113) (Total Sheets 23)
5.  Oath or Declaration (Total Pages 4)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
    - c.  Unsigned.
6.  Application Data Sheet. (37 CFR 1.76)
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & documents(s))  
10.  Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
 b. Power of Attorney  
11.  English Translation Document (if applicable)  
12.  a. Information Disclosure Statement (IDS)/PTO-1449  
 b. Copies of IDS Citations  
13.  Preliminary Amendment (cancel claims 1-13 and 26-30)  
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16.  Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
17A.  Other: Certificate of mailing with copy of postcard signed by attorney

17B.  Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18A. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation       Divisional       Continuation-in-part (CIP)  
Of Prior Application No.: 09/687,907    Examiner Roy K. Potter    Group Art Unit 2822  
(which is a  continuation/  divisional/  CIP of prior application no.  
which is a  continuation/  divisional/  CIP of prior application no.       (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that Intel Corporation (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. 011478 Frame No. 0029 (or a copy of which is attached).

19. Correspondence Address  
 Customer Number or Bar Code Label       (Insert Customer No. or Attach Bar Code Label here)  
 Correspondence Address Below  
NAME Todd M. Becker  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
ADDRESS 12400 Wilshire Boulevard  
Seventh Floor  
CITY Los Angeles STATE California ZIP CODE 90025-1026  
Country U.S.A. TELEPHONE (206) 292-8600 FAX (206) 292-8606

Name (PRINT/TYPE): Todd M. Becker Registration No.: 43,487

Signature: Todd M. Becker Date: 7-21-03

17231 U.S. PTO  
07/21/03

## FEE TRANSMITTAL FOR FY 2003

**TOTAL AMOUNT OF PAYMENT (\$)** **\$ 750.00**

Complete if Known:

Application No. Not Yet Assigned/New Application  
 Filing Date Herewith  
 First Named Inventor Qing Ma et al.  
 Group Art Unit Not Yet Assigned  
 Examiner Name Not Yet Assigned  
 Attorney Docket No. \_\_\_\_\_

### METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
 Deposit Account Name \_\_\_\_\_

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:  Check  
                          Money Order  
                          Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
1001	750	2001	375
1002	330	2002	165
1003	520	2003	260
1004	750	2004	375
1005	160	2005	80
		Utility application filing fee	<u>750.00</u>
		Design application filing fee	_____
		Plant filing fee	_____
		Reissue filing fee	_____
		Provisional application filing fee	_____

**SUBTOTAL (1) \$ 750.00**

#### 2. EXTRA CLAIM FEES

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims <u>12</u>	<u>- 20** = 0</u>	<u>X 18.00</u>	<u>= 0.00</u>
Independent Claims <u>2</u>	<u>- 3** = 0</u>	<u>X 84.00</u>	<u>= 0.00</u>
Multiple Dependent		<u>=</u>	<u>=</u>

\*\*Or number previously paid, if greater; For Reissues, see below.

#### Large Entity Small Entity

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>
Fee	Fee	Fee
Code	(\$)	Code
1202	18	2202 9
1201	84	2201 42
1203	280	2203 140
1204	84	2204 42
1205	18	2205 9
		Claims in excess of 20
		Indep dent claims in xc ss f 3
		Multiple d pend nt claim, if not paid
		**R issu independent claims over original patent
		**Reissue claims in exc ss of 20 and ov r original patent

**SUBTOTAL (2) \$ 0.00**

**FEE CALCULATION (continu d)**

**3. ADDITIONAL FEES**

<b>Large Entity</b>		<b>Small Entity</b>			
<b>Fee</b>	<b>Fee</b>	<b>Fee</b>	<b>Fee</b>	<b>Fee Description</b>	<b>Fee Paid</b>
<b>Code</b>	<b>(\$)</b>	<b>Code</b>	<b>(\$)</b>		
1051	130	2051	65	Surcharge - late filing fee or oath	_____
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	_____
1053	130	1053	130	Non-English specification	_____
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	_____
1813	8,800	1813	8,800	Request for inter parties reexamination	_____
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	_____
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	_____
1251	110	2251	55	Extension for reply within first month	_____
1252	410	2252	205	Extension for reply within second month	_____
1253	930	2253	465	Extension for reply within third month	_____
1254	1,450	2254	725	Extension for reply within fourth month	_____
1255	1,970	2255	985	Extension for reply within fifth month	_____
1401	320	2401	160	Notice of Appeal	_____
1402	320	2402	160	Filing a brief in support of an appeal	_____
1403	280	2403	140	Request for oral hearing	_____
1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____
1452	110	2452	55	Petition to revive – unavoidable	_____
1453	1,300	2453	650	Petition to revive - unintentional	_____
1501	1,300	2501	650	Utility issue fee (or reissue)	_____
1502	470	2502	235	Design issue fee	_____
1503	630	2503	315	Plant issue fee	_____
1460	130	1460	130	Petitions to the Commissioner	_____
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	_____
1806	180	1806	180	Submission of Information Disclosure Stmt	_____
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	_____
1809	750	2809	375	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
1814	110	2814	55	Statutory Disclaimer	_____
1810	750	2810	375	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
1801	750	2801	375	Request for Continued Examination (RCE)	_____
1802	900	1802	900	Request for expedited examination of a design application	_____
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	_____
1505	300	1505	300	Publication fee for republication	_____
1803	130	1803	130	Request for voluntary publication or republication	_____
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	_____
1454	1,300	1454	1,300	Acceptance of unintentionally delayed claim for priority	_____

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ 0.00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Todd M. Becker

Signature: Todd M. Becker Dat : 7-21-03

R g. Numb r: 43,487 T l phone Numb r: (206) 292-8600

## MEMS DEVICE INTEGRATED CHIP PACKAGE, AND METHOD OF MAKING SAME

Inventors: Qing Ma, Peng Cheng, Valluri Rao

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR &amp; ZAFMAN LLP

*Todd M. Becker*  
 Todd M. Becker  
 Reg. No. 43,487

"Express Mail" mailing label number: EV320118885USDate of Deposit: July 21, 2003

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Dominique Valentino

(Typed or printed name of person mailing paper or fee)

*Dominique Valentino* 7-21-03

(Signature of person mailing paper or fee) (Date signed)

Serial/Patent No.: New Application Filing/Issue Date: HerewithClient: Intel CorporationTitle: MEMS DEVICE INTEGRATED CHIP PACKAGE, AND METHOD OF MAKING SAMEBSTZ File No.: 42390.P8877D Atty/Secty Initials: TMB/dcVDate Mailed: 07/21/03 Docket Due Date:

The following has been received in the U.S. Patent &amp; Trademark Office on the date stamped hereon:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Amendment/Response (____ pgs.)  | <input checked="" type="checkbox"/> Express Mail No. <u>EV320118885US</u>                   | <input type="checkbox"/> Check No. <u>3012</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)  | <input type="checkbox"/> _____ Month(s) Extension of Time                                   | <input type="checkbox"/> Amt: <u>\$ 750.00</u> |
| <input type="checkbox"/> Application - Utility (____ pgs., with cover and abstract)                                      | <input type="checkbox"/> Information Disclosure Statement & PTO-1449 (____ pgs.)            | <input type="checkbox"/> Check No. _____       |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)   | <input type="checkbox"/> Issue Fee Transmittal  | <input type="checkbox"/> Amt: _____            |
| <input checked="" type="checkbox"/> Application - Rule 1.53(b) Divisional ( <u>37</u> pgs.)                              | <input type="checkbox"/> Notice of Appeal   |  |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)  | <input type="checkbox"/> Petition for Extension of Time                                     |  |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)  | <input type="checkbox"/> Petition for _____   |  |
| <input type="checkbox"/> Application - Design (____ pgs.)  | <input type="checkbox"/> Postcard   |  |
| <input type="checkbox"/> Application - PCT (____ pgs.)   | <input type="checkbox"/> Power of Attorney (____ pgs.)                                      |  |
| <input type="checkbox"/> Application - Provisional (____ pgs.)   | <input checked="" type="checkbox"/> Preliminary Amendment ( <u>6</u> pgs.)                  |  |
| <input type="checkbox"/> Assignment and Cover Sheet  | <input type="checkbox"/> Reply Brief (____ pgs.)  |  |
| <input checked="" type="checkbox"/> Certificate of Mailing   | <input type="checkbox"/> Response to Notice of Missing Parts                                |  |
| <input checked="" type="checkbox"/> Declaration & POA ( <u>4</u> pgs.) ( <b>copy</b> )                                   | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business        |  |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.)                           | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate ( <u>2 pgs. each</u> ) |  |
| <input type="checkbox"/> Drawings: <u>23</u> # of sheets includes <u>33</u> figures                                      | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate ( <u>2 pgs. each</u> )    |  |
| <input checked="" type="checkbox"/> Other: <u>Certificate of mailing with copy of return postcard signed by attorney</u> |   |  |